

## Butterflies of the central Lao P.D.R. in the low temperature and dry season (1997–2001)

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**Abstract** The distribution of butterflies in the central Lao P.D.R. was investigated in the low temperature and dry season. We recorded in total 221 species, corresponding to approximately 25% of 876 species recorded in “*An illustrated Checklist of the Butterflies of Laos P. D. R.*” (Osada *et al.*, 1999).

**Key words** Butterfly fauna, the central Lao P.D.R., low temperature and dry season.

### Introduction

There are many reports about the butterflies of the Lao P.D.R. (Motono & Negishi, 1989; Masui & Uehara, 1994, 1995, 1996, 1997; Uehara & Yoshida, 1995; Sashida & Miyamoto, 1996, 1998; Koiwaya & Osada, 1998). Based on these findings, Osada *et al.* (1999) produced a summary report of the butterflies of the Lao P.D.R. Recently, Masui & Uehara (1999, 2000) and Sashida (2000) reported several newly recorded species in the Lao P.D.R. In addition, details of morphological changes, larval food plant and behavior from egg to adult were examined in several species of butterflies in the Lao P.D.R. (Koiwaya *et al.*, 1996, 1997, 1998, 1999a, 1999b, 2002).

In the present study, the distribution of adult butterflies in the central Lao P.D.R. was investigated in four separate periods at the end of December (1997, 1998 and 1999) and November (2001). To obtain a reproducible result on the distribution of butterflies in the short term, 4 locations on the Mekong River plain and 3 non-riverine locations were selected for sampling of as many species of butterflies as possible. It had been expected that only a few species would have been collected during this cold season. However, we collected relatively many species, especially of Nymphalidae and Lycaenidae.

In this report, we established a list of identified butterflies for the central Lao P.D.R. in the cool and dry season from 1997 to 2001.

### Investigation areas (Fig. 1)

We established the following investigation areas, (1) Mekong River plains (1–4; altitude: 180–200 m) and (2) inland areas (1–3; altitude: 250–700 m).

#### (1)-1. Thabok (Tb)

This area is located approximately 120 km east along the Mekong River from Vientiane and mainly consists of mixed forests of evergreen and deciduous trees. Altitude: approximately 200 m.

#### (1)-2. Namdhua (Nd)

This area is located approximately 150 km southeast along the Mekong River from Thabok.

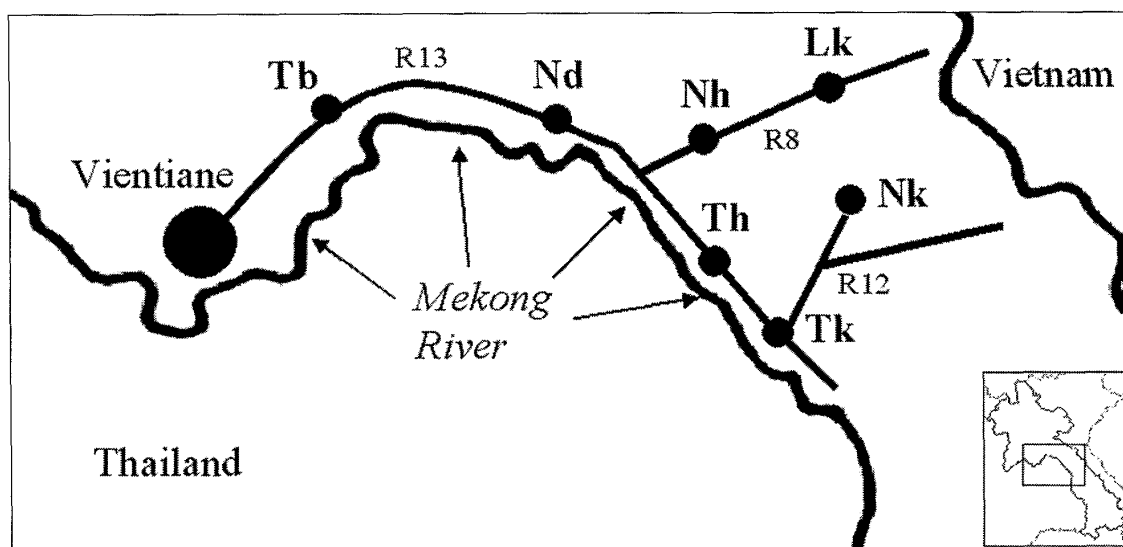


Fig. 1. Investigation areas. Tb: Thabok. Nd: Namdhua. Th: Thabeng. Tk: Thakhek. Nh: Nhahin. Lk: Laksao. Nk: Nakai.

This forest mainly consists of evergreen trees. Altitude: approximately 200 m.

(1)-3. Thabeng (Th)

This area is located approximately 40 km southeast along the Mekong River from Namdhua. This forest mainly consists of evergreen trees. This area is also called "Vienthone". Altitude: approximately 180 m.

(1)-4. Thakhek (Tk)

Thakhek is a relatively big city of the Lao P.D.R. and approximately 90 km southeast along the Mekong River from Thabeng. The forests in and around Thakhek mainly consist of evergreen trees on limestone-zone. Altitude: approximately 200 m.

(2)-1. Nhahin (Nh)

This area is a limestone zone located approximately 40 km east along Route 8 from Namdhua. Altitude: approximately 250 m to 700 m.

(2)-2. Laksao (Lk)

This is a plateau area located approximately 50 km east along Route 8 from Nhahin. We examined the periphery of this town and the area around the power station close to the Lao-Vietnam boundary. Altitude: approximately 600 m.

(2)-3. Nakai (Nk)

This is also a plateau area located approximately 50 km northeast along Route 12 from Thakhek. Altitude: approximately 600 m.

For identification of most samples we used Pinratana (1981, 1983, 1985, 1988), Motono & Negishi (1989), Pinratana & Eliot (1992, 1996), Smith (1994) and Osada *et al.* (1999). However, for some difficult samples, we requested identification from the following researchers.

Pieridae: Dr Haruki Sashida

Satyridae: Mr Tatsuo Miyamoto

Lycaenidae: Mr Tatsuo Miyamoto and Mr Satoshi Koiwaya

### Investigation period

In central Laos, hardly any rain falls in the cool and dry season from the middle of November to March. The seasonal temperature is the lowest at any point in the year. We investigated the distribution of butterflies in the 4 periods as follows.

- 1) 25–30 December 1997. Thabok, Namdhua, Thakhek, Nhahin
- 2) 26–31 December 1998. Thabok, Namdhua, Thakhek, Nhahin, Laksao
- 3) 25 December 1999–3 January 2000. Namdhua, Thabeng, Thakhek, Nhahin, Laksao
- 4) 25–30 November 2001. Thabok, Namdhua, Thabeng, Thakhek, Nakai

### The list of collection

We categorized the samples from the Mekong River plains as ‘low land’ (Thabok, Namdhua, Thabeng and Thakhek) and the non-riverine areas as ‘inland’ (Nhahin, Laksao and Nakai). The data from each year were added together. We excluded specimens without complete identification.

In total 221 species were recorded in this investigation. Of 221 species, 199 species were collected in lowland and 79 in inland areas. Fifty-seven species were recorded in both areas, 142 in lowland only (shown as \* in list), and 22 in inland only (shown as # in list) respectively. The details are as follows.

Papilionidae 12 species, Pieridae 17 species, Danaidae 14 species, Nymphalidae 61 species, Satyridae 11 species, Amathusiidae 7 species, Riodinidae 7 species, Lycaenidae 67 species, and Hesperidae 25 species.

The 221 species in the present collection correspond to approximately 25% of the 876 species recorded in “*An illustrated Checklist of the Butterflies of Laos P. D. R.*” (Osada *et al.*, 1999).

### Papilionidae

*Byasa laos* (Riley & Godfrey, 1921)\*

[low land] Tk: 1 ♂, 28. xii. 1997.

*Losaria coon doubledayi* (Wallace, 1865)\*

[low land] Nd: 1 ♂, 30. xi. 2001. Th: 1 ♂, 1. i. 2000.

*Pachliopta aristolochiae goniopertis* (Rothschild, 1908)

[low land] Nd: 1 ♂, 30. xii. 1997. Tk: 1 ♂, 29. xii. 1997; 1 ♂, 30. xii. 1999.

[inland] Nh: 1 ♂, 27. xii. 1997.

*Papilio demoleus demoleus* Linnaeus, 1758#

[inland] Nh: 1 ♂, 27. xii. 1997. Nk: 1 ♂, 28. xi. 2001.

*Papilio demolion demolion* Cramer, 1776\*

[low land] Tb: 1 ♂, 26. xii. 1997. Nd: 1 ♂, 30. xii. 1997; 2 ♂, 1. i. 2000.

*Papilio helenus helenus* Linnaeus, 1758

[low land] Tb: 1 ♀, 25. xi. 2001.

[inland] Nk: 2 ♂, 28. xi. 2001.

*Papilio polytes romulus* Cramer, 1775\*

[low land] Nd: 1 ♀, 30. xi. 2001.

*Papilio memnon agenor* Linnaeus, 1758\*

- [low land] Nd: 2 ♂, 29–30. xi. 2001. Tk: 1 ♂, 31. xii. 1999.  
*Lamproptera curius curius* (Fabricius, 1787)  
 [low land] Nd: 1 ♂, 30. xi. 2001.  
 [inland] Nh: 1 ♂ 27. xii. 1997. Lk: 1 ♂, 28. xii. 1999.  
*Lamproptera meges virescens* (Butler, 1870)  
 [low land] Tb: 3 ♂, 26. xii. 1997. Nd: 1 ♂, 3. i. 2000. Th: 1 ♂, 26. xi. 2001. Tk: 1 ♂, 26. xii. 1999.  
 [inland] Nh: 2 ♂, 28. xii. 1998.  
*Graphium sarpedon luctatius* (Fruhstorfer, 1907)\*  
 [low land] Tb: 2 ♂, 26. xii. 1997.  
*Graphium agamemnon agamemnon* (Linnaeus, 1758)\*  
 [low land] Nd: 1 ♂ 1 ♀, 30. xii. 1997; 1 ♀, 26. xii. 1998; 1 ♀, 3. i. 2000; 1 ♀, 26. xi. 2001.
- Pieridae**
- Delias pasithoe thyra* Fruhstorfer, 1905\*  
 [low land] Nd: 1 ♂ 1 ♀, 26. xi. 2001.  
*Delias hyparete indica* (Wallace, 1867)\*  
 [low land] Tb: 1 ♂, 26. xii. 1997. Tk: 1 ♀, 30. xii. 1997.  
*Leptosia nina nina* (Fabricius, 1793)\*  
 [low land] Nd: 1 ♂, 26. xii. 1998; 1 ♂, 2. i. 2000; 1 ♂, 26. xi. 2001. Tk: 1 ♂, 28. xii. 1997.  
*Talbotia naganum pamsi* (Vitalis de Salvaza, 1921) #  
 [inland] Lk: 1 ♂, 28. xii. 1999.  
*Cepora nadina nadina* (Lucas, 1852)  
 [low land] Tb: 1 ♂, 26. xii. 1997. Nd: 1 ♂ 1 ♀, 26. xi. 2001.  
 [inland] Lk: 1 ♂, 28. xii. 1999.  
*Appias lyncida eleonora* (Boisduval, 1836)  
 [low land] Nd: 2 ♂, 27–30. xii. 1997; 2 ♂ 1 ♀, 3. i. 2000; 2 ♂, 26. xi. 2001. Tk: 1 ♀, 30. xii. 1997; 2 ♀, 27. xi. 2001.  
 [inland] Nh: 1 ♂, 27. xii. 1997. Nk: 2 ♂, 28. xi. 2001.  
*Appias albina darada* (C. & R. Felder, 1865)\*  
 [low land] Nd: 1 ♀, 30. xii. 1997; 1 ♂, 2. i. 2000. Tk: 1 ♂, 28. xii. 1997; 1 ♂, 27. xii. 1998; 1 ♀, 27. xi. 2001.  
*Appias indra thronion* Fruhstorfer, 1910\*  
 [low land] Tb: 1 ♂, 26. xii. 1997. Nd: 1 ♂, 27. xii. 1997.  
*Ixias pyrene verna* H. Druce, 1874  
 [low land] Nd: 4 ♂ 1 ♀, 27–30. xii. 1997; 2 ♂, 26–27. xii. 1998; 2 ♂, 26–29. xi. 2001. Th: 2 ♂, 26. xi. 2001. Tk: 2 ♀, 28. xii. 1997; 1 ♀, 27. xii. 1998; 4 ♂, 26. xii. 1999; 3 ♂ 2 ♀, 27. xi. 2001.  
 [inland] Nh: 3 ♂ 1 ♀, 27. xii. 1997; 1 ♂, 30. xii. 1999. Nk: 2 ♂, 28. xi. 2001.  
*Hebomoia glaucippe glaucippe* (Linnaeus, 1758)\*  
 [low land] Nd: 2 ♂, 30. xii. 1997; 1 ♂, 2. i. 2000; 2 ♂, 26. xi. 2001. Th: 1 ♂, 25. xii. 1999. Tk: 1 ♂, 31. xii. 1999.  
*Prioneris philonome helferi* (C. & R. Felder, 1865)\*  
 [low land] Tb: 2 ♂, 26. xii. 1997. Nd: 2 ♂, 30. xii. 1997; 1 ♀, 3. i. 2000; 1 ♂, 26. xi. 2001.  
*Pareronia anais anais* (Lesson, 1837)\*  
 [low land] Nd: 1 ♂, 30. xii. 1997; 2 ♂, 2. i. 2000; 2 ♂, 29–30. xi. 2001. Tk: 1 ♂, 31. xii. 1999.  
*Pareronia paravatar* Bingham, 1907

- [low land] Tk: 1 ♂, 28. xii. 1998.  
 [inland] Nh: 1 ♂, 27. xii. 1997.
- Catopsilia scylla cornelia* (Fabricius, 1787)  
 [low land] Tk: 1 ♀, 27. xi. 2001.  
 [inland] Nk: 1 ♀, 28. xi. 2001.
- Catopsilia pomona pomona* (Fabricius, 1775)  
 [low land] Nd: 1 ♀ (f. *pomona*), 26. xii. 1998; 1 ♀ (f. *catilla* (Cramer, 1777)\*), 3. i. 2000.  
 Tk: 1 ♂ (f. *hilaria* (Stoll, 1781)), 26. xii. 1999.  
 [inland] Nh: 1 ♂ (f. *hilaria* (Stoll, 1781)) 2 ♀ (f. *pomona* (Fabricius, 1775)), 28. xii. 1998.  
 Lk: 2 ♂ (f. *hilaria*), 28–29. xii. 1999.
- Eurema hecabe hecabe* (Linnaeus, 1758)\*  
 [low land] Tb: 2 ♂, 25. xi. 2001. Tk: 1 ♂ 1 ♀, 27–28. xii. 1997; 1 ♂, 27. xi. 2001.
- Gandaca harina burmana* Moore, 1906\*  
 [low land] Tb: 1 ♂, 26. xii. 1997.
- Danaidae**
- Danaus genutia genutia* (Cramer, 1779)  
 [low land] Tb: 1 ♂, 25. xii. 1998. Th: 2 ♂, 25–27. xii. 1999.  
 [inland] Lk: 1 ♂, 29. xii. 1999.
- Danaus melanippus hegesippus* (Cramer, 1777)\*  
 [low land] Nd: 1 ♂, 26. xi. 2001.
- Tirumala septentrionis septentrionis* (Butler, 1874)  
 [low land] Tk: 1 ♂, 27. xii. 1998.  
 [inland] Nh: 1 ♂, 30. xii. 1999.
- Tirumala limniace limniace* (Cramer, [1775]) #  
 [inland] Nh: 1 ♂, 30. xii. 1999.
- Ideopsis vulgaris macrina* (Fruhstorfer, 1904)\*  
 [low land] Tb: 1 ♂, 24. xii. 1999. Nd: 2 ♂, 26. xi. 2001. Tk: 1 ♂, 31. xii. 1999; 1 ♂, 27. xi. 2001.
- Ideopsis similis persimilis* (Moore, 1879)\*  
 [low land] Tk: 1 ♂, 27. xi. 2001.
- Parantica aglea melanoides* Moore, 1883  
 [low land] Nd: 1 ♂, 27. xii. 1997. Tk: 1 ♂, 28. xii. 1997; 1 ♂, 31. xii. 1999.  
 [inland] Nh: 1 ♂, 27. xii. 1999. Nk: 1 ♂, 28. xi. 2001.
- Parantica melaneus* (Cramer, 1775) #  
 [inland] Lk: 2 ♂, 28. xii. 1999.
- Euploea mulciber mulciber* (Cramer, 1777)  
 [low land] Tb: 1 ♂, 26. xii. 1997; 1 ♂ 3 ♀, 24. xii. 1999. Nd: 2 ♀, 26. xii. 1998. Tk: 1 ♂, 28. xii. 1997.  
 [inland] Nh: 1 ♂ 1 ♀, 27. xii. 1997. Nk: 1 ♂, 28. xi. 2001.
- Euploea camaralzeman camaralzeman* Butler, 1866  
 [low land] Tb: 1 ♂, 26. xii. 1997. Th: 1 ♂, 25. xii. 1999.  
 [inland] Nh: 1 ♀, 27. xii. 1997.
- Euploea doubledayi doubledayi* C. & R. Felder, 1865\*  
 [low land] Nd: 1 ♀, 2. i. 2000.
- Euploea tulliolus dehaani* Lucas, 1853\*  
 [low land] Tb: 1 ♂, 24. xii. 1999. Nd: 1 ♂, 2. i. 2000.
- Euploea radamanthus radamanthus* (Fabricius, 1793)  
 [low land] Tb: 1 ♂, 25. xii. 1998; 1 ♂, 25. xi. 2001. Nd: 2 ♂ 2 ♀, 26–29. xi. 2001. Th: 1 ♂ 1 ♀, 1. i. 2000.

[inland] Nh: 1 ♂, 27. xii. 1997; 5 ♂ 8 ♀, 30. xii. 1999. Lk: 1 ♂, 30. xii. 1998. Nk: 1 ♂, 28. xi. 2001.

*Euploea eunice leucogonis* (Butler, 1879)

[low land] Nd: 1 ♀, 26. xi. 2001. Tk: 1 ♂, 26. xii. 1999.

[inland] Nh: 1 ♂, 30. xii. 1999.

Nymphalidae

*Ariadne merione pharis* (Fruhstorfer, 1912)

[low land] Th: 1 ♀, 26. xi. 2001.

[inland] Lk: 1 ♂, 30. xii. 1998.

*Phalanta alcippe alcippoides* (Moore, 1900)\*

[low land] Th: 1 ♂, 27. xii. 1999. Tk: 1 ♂, 26. xii. 1999; 1 ♂, 27. xi. 2001.

*Cupha erymanthis lotis* (Sulzer, 1776)\*

[low land] Nd: 3 ♂, 26–29. xi. 2001.

*Cirrochroa tyche mithila* Moore, 1872

[low land] Nd: 1 ♂, 3. i. 2000; 1 ♂, 30. xi. 2001.

[inland] Nh: 1 ♀, 27. xii. 1997; 1 ♀, 27. xii. 1999.

*Vindula erota erota* (Fabricius, 1793)\*

[low land] Nd: 1 ♂, 26. xii. 1998. Th: 1 ♀, 27. xii. 1999.

*Terinos clarissa falcata* Fruhstorfer, 1898\*

[low land] Nd: 3 ♂, 3. i. 2000; 3 ♂, 26–29. xi. 2001.

*Terinos terpander intermedia* Godfrey, 1916<sup>#</sup>

[inland] Nh: 1 ♂, 30. xii. 1999.

*Cethosia biblis tisamena* Fruhstorfer, 1912

[low land] Nd: 2 ♂, 27. xii. 1997; 2 ♂, 25. xii. 1999; 2 ♂, 3. i. 2000.

[inland] Nh: 1 ♀, 30. xii. 1999. Nk: 1 ♂ 1 ♀, 28. xi. 2001.

*Cethosia cyane euanthes* Fruhstorfer, 1912

[low land] Nd: 1 ♀, 30. xii. 1997.

[inland] Lk: 2 ♂, 24–28. xii. 1999. Nk: 1 ♂, 28. xi. 2001.

*Junonia iphita iphita* (Cramer, 1779)\*

[low land] Tk: 1 ♀, 27. xii. 1998.

*Junonia almana almana* (Linnaeus, 1758)

[low land] Nd: 1 ♂, 27. xii. 1997; 1 ♂, 26. xi. 2001. Th: 1 ♂, 25. xii. 1998; 1 ♂, 24. xii. 1999. Tk: 1 ♂, 27. xi. 2001.

[inland] Nh: 1 ♂, 28. xii. 1998. Lk: 1 ♂, 28. xii. 1999. Nk: 1 ♂, 28. xi. 2001.

*Junonia atlites atlites* (Linnaeus, 1763)\*

[low land] Nd: 1 ♂, 28. xii. 1997; 1 ♂, 26. xii. 1998; 1 ♂, 26. xi. 2001. Th: 1 ♂, 25. xii. 1998. Tk: 1 ♂, 29. xii. 1997.

*Junonia lemonias lemonias* (Linnaeus, 1758)\*

[low land] Tk: 1 ♂, 31. xii. 1999; 1 ♀, 28. xii. 1997.

*Junonia hierta hierta* (Fabricius, 1798)

[low land] Tb: 1 ♀, 25. xii. 1998. Tk: 2 ♂, 29. xii. 1997.

[inland] Nh: 1 ♂, 28. xii. 1998.

*Kaniska canace canace* (Linnaeus, 1763) <sup>#</sup>

[inland] Lk: 1 ♂, 31. xii. 1998; ♂, 29. xii. 1999.

*Symbrenthia lilaea lilaea* (Hewitson, 1864)

[low land] Tk: 1 ♂, 26. xii. 1999. Nd: 1 ♂, 3. i. 2000.

[inland] Lk: 1 ♂, 28. xii. 1999.

*Cyrestis themire siamensis* Fruhstorfer, 1898

[low land] Nd: 1 ♂, 26. xii. 1998. Tk: 1 ♂, 28. xii. 1997.

- [inland] Nh: 1 ♂, 27. xii. 1997.  
*Cyrestis cocles cocles* (Fabricius, 1787)\*  
 [low land] Tk: 1 ♂, 26. xii. 1999.  
*Cyrestis thyodamas thyodamas* Doyère, 1840 #  
 [inland] Nh: 1 ♂, 27. xii. 1997.  
*Chersonesia risa transiens* (Martin, 1903)  
 [low land] Th: 1 ♂, 26. xii. 1997.  
 [inland] Lk: 2 ♂, 28. xii. 1999.  
*Chersonesia intermedia rahrioides* Moore, 1899\*  
 [low land] Th: 1 ♂, 26. xii. 1997. Tk: 1 ♂, 27. xi. 2001.  
*Rhinopalpa polynice birmana* Fruhstorfer, 1897\*  
 [low land] Nd: 1 ♀, 29. xi. 2001.  
*Hypolimnas bolina bolina* (Linnaeus, 1758)\*  
 [low land] Th: 1 ♀, 25. xii. 1998.  
*Doleschallia bisaltide continentalis* Fruhstorfer, 1899\*  
 [low land] Nd: 1 ♀, 2. i. 2000; 2 ♀, 29. xi. 2001.  
*Neptis clinia susruta* Moore, 1872\*  
 [low land] Nd: 2 ♂, 26. xi. 2001.  
*Neptis sappho astola* Moore, 1872  
 [low land] Tb: 1 ♂, 25. xii. 1998. Nd: 1 ♂, 26. xii. 1998; 1 ♂ 1 ♀, 26. xi. 2001.  
 [inland] Lk: 1 ♂, 30. xii. 1998.  
*Neptis nata adipala* Moore, 1872\*  
 [low land] Nd: 1 ♂, 29. xi. 2001.  
*Neptis harita harita* Moore, 1875\*  
 [low land] Tb: 1 ♂, 24. xii. 1999. Nd: 1 ♀, 29. xi. 2001.  
*Neptis hylas kamarupa* Moore, 1874#  
 [inland] Nk: 1 ♀, 28. xi. 2001.  
*Neptis miah nolana* H. Druce, 1874#  
 [inland] Nk: 1 ♀, 28. xi. 2001.  
*Lasippa tiga* (Moore, 1858), ssp.\*  
 [low land] Nd: 1 ♂, 26. xi. 2001.  
*Pantoporia hordonia hordonia* (Stoll, 1790)  
 [low land] Nd: 1 ♂, 26. xii. 1997; 1 ♂, 30. xi. 2001. Th: 2 ♂, 25–27. xii. 1999.  
 [inland] Nk: 1 ♂, 28. xi. 2001.  
*Athyma pravara indosinica* (Fruhstorfer, 1906)\*  
 [low land] Nd: 1 ♂, 3. i. 2000; 1 ♂, 26. xi. 2001.  
*Athyma perius perius* (Linnaeus, 1758)  
 [low land] Nd: 2 ♂, 30. xii. 1997.  
 [inland] Nh: 1 ♂, 28. xii. 1998.  
*Athyma kanwa phorkys* (Fruhstorfer, 1912)\*  
 [low land] Tk: 1 ♂, 27. xi. 2001.  
*Athyma larymna siamensis* (Fruhstorfer, 1906)\*  
 [low land] Nd: 1 ♂, 26. xii. 1998.  
*Athyma selenophora latifascia* (Talbot, 1936)  
 [low land] Nd: 1 ♂, 2. i. 2000; 1 ♂, 29. xi. 2001.  
 [inland] Nk: 1 ♀, 28. xi. 2001.  
*Moduza procris procris* (Cramer, 1777)\*  
 [low land] Nd: 1 ♀, 3. i. 2000; 1 ♀, 29. xi. 2001.  
*Lebadea martha martha* (Fabricius, 1787)\*  
 [low land] Nd: 1 ♂, 26. xii. 1998; 1 ♂, 25. xii. 1999; 1 ♂, 26. xi. 2001. Th: 1 ♂, 1. i.

2000. Tk: 1 ♀, 27. xii. 1998; 1 ♂ 1 ♀, 26. xii. 1999; 1 ♂, 27. xi. 2001.
- Parthenos sylvia gambrisius* (Fabricius, 1787)  
 [low land] Tb: 1 ♂, 25. xii. 1998. Th: 1 ♂, 25. xii. 1999.  
 [inland] Lk: 1 ♂, 28. xii. 1999.
- Tanaecia julii julii* (Lesson, 1837)  
 [low land] Nd: 1 ♂ 1 ♀, 27. xii. 1997; 1 ♂, 26. xii. 1998; 2 ♂ 1 ♀, 2. i. 2000; 7 ♀, 26–30. xi. 2001. Th: 1 ♀, 25. xii. 1999; 1 ♂ 1 ♀, 1. i. 2000. Tk: 1 ♂, 28. xii. 1997; 1 ♂, 26. xii. 1999; 2 ♀, 27. xi. 2001.  
 [inland] Nh: 1 ♂, 27. xii. 1997. Nk: 1 ♀, 28. xi. 2001.
- Tanaecia jahnu* (Moore, 1858)\*  
 [low land] Nd: 1 ♀, 26. xii. 1998; 1 ♀, 2. i. 2000. Th: 2 ♂, 25–27. xii. 1999. Tk: 1 ♀, 29. xii. 1997; 1 ♀, 31. xii. 1999.
- Cynitia lepidea cognata* Moore, 1897\*  
 [low land] Nd: 1 ♂, 27. xii. 1997; 2 ♂, 26. xii. 1998; 2 ♂, 2–3. i. 2000; 1 ♀, 29. xi. 2001.
- Cynitia cocytus ambrysus* (Fruhstorfer, 1913)\*  
 [low land] Nd: 2 ♂ 1 ♀, 26. xii. 1998; 2 ♂, 2–3. i. 2000; 1 ♀, 26. xi. 2001. Th: 1 ♂, 1. i. 2000. Tk: 2 ♂, 28–30. xii. 1997; 1 ♂, 27. xii. 1998; 1 ♂, 31. xii. 1999.
- Euthalia monina kesava* (Moore, 1859)\*  
 [low land] Nd: 2 ♂, 30. xii. 1997; 1 ♂, 26. xii. 1998; 2 ♂ 2 ♀, 26–29. xi. 2001. Th: 1 ♂ 1 ♀, 25–27. xii. 1999; 1 ♀, 26. xi. 2001. Tk: 1 ♀, 31. xii. 1999.
- Euthalia djata* Distant & Pryer, 1887, ssp.\*  
 [low land] Tk: 1 ♂, 27. xi. 2001.
- Euthalia eriphylae lioneli* Fruhstorfer, 1905\*  
 [low land] Nd: 1 ♂, 26. xii. 1998.
- Euthalia teuta ira* (Moore, 1897)\*  
 [low land] Tk: 1 ♀, 29. xii. 1997.
- Euthalia recta monilis* (Moore, 1897)\*  
 [low land] Tk: 2 ♂, 29. xii. 1997.
- Euthalia dunya dunya* (Doubleday, 1848)\*  
 [low land] Nd: 1 ♂, 30. xii. 1997.
- Euthalia anosia anosia* (Moore, 1858) #  
 [inland] Nk: 1 ♂, 28. xi. 2001.
- Lexias dirtea bontouxi* (Vitalis de Salvaza, 1924)\*  
 [low land] Nd: 1 ♂, 26. xii. 1998; 3 ♂ 2 ♀, 29–30. xi. 2001. Tk: 1 ♀, 27. xi. 2001.
- Lexias pardalis jadeitina* (Fruhstorfer, 1913)  
 [low land] Nd: 5 ♀, 30. xii. 1997; 1 ♂, 29. xi. 2001. Th: 1 ♂, 1. i. 2000. Tk: 1 ♂ 2 ♀, 29. xii. 1997; 1 ♂, 31. xii. 1999.  
 [inland] Lk: 1 ♀, 31. xii. 1998.
- Lexias albopunctata borealis* Hanafusa, 1990\*  
 [low land] Nd: 2 ♂, 26–29. xi. 2001.
- Charaxes bernardus hierax* (C. & R. Felder, 1867)\*  
 [low land] Tb: 1 ♂, 26. xii. 1997. Nd: 1 ♂, 3. i. 2000.
- Rohana tonkiniana siamensis* (Fruhstorfer, 1913)\*  
 [low land] Tk: 1 ♂, 29. xii. 1997.
- Eulaceura osteria* (Westwood, 1850), ssp.\*  
 [low land] Nd: 1 ♂, 25. xii. 1999; 1 ♀, 26. xi. 2001.
- Euripus nyctelius euploeoides* C. & R. Felder, 1867  
 [low land] Th: 1 ♂, 27. xii. 1999. Nd: 2 ♂, 3. i. 2000.  
 [inland] Nk: 1 ♀, 28. xi. 2001.
- Polyura arja arja* (C. & R. Felder, 1867)\*



[low land] Nd: 1 ♂, 2. i. 2000; 2 ♂, 26–29. xi. 2001. Tk: 1 ♂, 31. xii. 1999.

*Polyura athamas athamas* (Drury, 1773)

[low land] Nd: 1 ♂, 30. xii. 1997; 1 ♂, 3. i. 2000; 4 ♂, 26–30. xi. 2001. Tk: 1 ♂, 28. xii. 1997.

[inland] Nh: 1 ♂, 30. xii. 1999.

*Poyura schreiber tisamenus* (Fruhstorfer, 1914)\*

[low land] Nd: 1 ♂, 29. xi. 2001.

## Satyridae

*Melanitis leda leda* (Linnaeus, 1758)

[low land] Nd: 1 ♂ 1 ♀, 30. xii. 1997; 1 ♂ 1 ♀, 2–3. i. 2000; 1 ♂, 26. xi. 2001. Tk: 1 ♂, 27. xii. 1998; 4 ♂, 26–31. xii. 1999.

[inland] Nh: 1 ♂, 27. xii. 1999. Lk: 1 ♂, 31. xii. 1998; 1 ♂, 28. xii. 1999.

*Melanitis phedima ganapati* Fruhstorfer, 1908

[low land] Nd: 1 ♂, 30. xi. 2001. Tk: 1 ♂, 27. xi. 2001.

[inland] Lk: 1 ♂, 29. xii. 1999.

*Elymnias hypermnestra violetta* Fruhstorfer, 1902\*

[low land] Nd: 1 ♂, 2. i. 2000; 1 ♂ 1 ♀, 26–29. xi. 2001. Tk: 1 ♂, 28. xii. 1997.

*Lethe mekara crijnana* Fruhstorfer, 1911\*

[low land] Th: 1 ♂, 1. i. 2000.

*Erites medura rotundata* de Nicéville, 1893\*

[low land] Tb: 1 ♂, 24. xii. 1999.

*Otsoiriaena medus medus* (Fabricius, 1775)\*

[low land] Tb: 1 ♂, 26. xii. 1997. Nd: 4 ♂, 26. xii. 1998; 1 ♂, 29. xi. 2001.

*Mycalesis mineus subfasciata* (Moore, 1882)\*

[low land] Nd: 1 ♂, 26. xii. 1998.

*Mycalesis intermedia* (Moore, 1892)\*

[low land] Nd: 1 ♂, 26. xi. 2001. Tk: 1 ♂, 29. xii. 1997.

*Mycalesis visala visala* Moore, 1858

[low land] Nd: 1 ♂, 27. xii. 1997; 2 ♂, 25–26. xii. 1998.

[inland] Lk: 1 ♂, 30. xii. 1998.

*Ypthima baldus baldus* (Fabricius, 1775)

[low land] Nd: 5 ♂, 26–29. xi. 2001.

[inland] Lk: 3 ♂, 28. xii. 1998.

*Ragadia critias* Riley & Godfrey, 1921\*

[low land] Nd: 2 ♂, 26. xii. 1998; 1 ♂, 25. xii. 1999; 18 ♂, 26–30. xi. 2001. Th: 2 ♂, 26. xi. 2001.

## Amathusiidae

*Faunis eumeus incerta* (Staudinger, 1887)\*

[low land] Tk: 1 ♂, 29. xii. 1997; 5 ♂, 31. xii. 1999. Th: 1 ♂, 1. i. 2000. Nd: 1 ♂, 26. xi. 2001.

*Faunis canens arcesilas* Stichel, 1933\*

[low land] Nd: 2 ♂ 1 ♀, 27–30. xii. 1997; 1 ♂, 26. xii. 1998; 1 ♂, 25. xii. 1999; 2 ♂, 2. i. 2000; 4 ♂, 26–30. xi. 2001.

*Thaumantis diores splendens* Tytler, 1939\*

[low land] Nd: 3 ♀, 29–30. xi. 2001.

*Amathuxidia amythaon amythaon* (Doubleday, 1847)\*

[low land] Th: 1 ♀, 27. xii. 1999.

*Thauria lathyi siamensis* Rothschild, 1916\*

[low land] Tk: 1 ♂, 27. xi. 2001.

*Discophora sondaica* zal Westwood, 1851\*

[low land] Th: 1 ♂, 1. i. 2000. Tk: 1 ♀, 27. xi. 2001.

*Discophora timora timora* Westwood, 1850\*

[low land] Th: 1 ♂, 1. i. 2000.

## Riodinidae

*Zemeros flegyas flegyas* (Cramer, 1780)

[low land] Nd: 2 ♂, 30. xii. 1997; 1 ♂, 26. xii. 1998; 1 ♂, 3. i. 2000.

[inland] Nh: 1 ♂, 27. xii. 1999.

*Abisara echerius* (Stoll, 1790), ssp.

[low land] Tb: 1 ♀, 24. xii. 1999. Nd: 1 ♀, 3. i. 2000; 1 ♂, 29. xi. 2001. Th: 1 ♂, 26. xii. 1998. Tk: 1 ♀, 27. xi. 2001.

[inland] Lk: 2 ♂, 30–31. xii. 1998.

*Abisara bifasciata* Moore, 1877, ssp.\*

[low land] Tk: 1 ♂, 27. xi. 2001.

*Abisara neophron chelina* (Fruhstorfer, 1904) #

[inland] Lk: 1 ♂, 29. xii. 1999.

*Laxita thuisto ephorus* (Fruhstorfer, 1904)\*

[low land] Nd: 1 ♂ 2 ♀, 26–30. xi. 2001. Tk: 1 ♀, 27. xi. 2001.

*Taxila haquinus berthae* Fruhstorfer, 1904\*

[low land] Nd: 1 ♂, 25. xii. 1999; 1 ♂ 1 ♀, 26–29. xi. 2001. Tk: 1 ♂, 27. xii. 1998.

*Taxila dora* Fruhstorfer, 1904, ssp. #

[inland] Lk: 1 ♀, 30. xii. 1998. Nk: 1 ♀, 28. xi. 2001.

## Lycaenidae

*Poritia hewitsoni hewitsoni* Moore, 1866

[low land] Nd: 1 ♀, 29. xi. 2001. Tk: 1 ♂, 29. xii. 1997.

[inland] Lk: 1 ♀, 31. xii. 1998.

*Simiskina phalia binghami* (Fruhstorfer, 1912)

[low land] Nd: 1 ♀, 26. xi. 2001. Th: 1 ♀, 26. xi. 2001. Tk: 1 ♀, 27. xii. 1998.

[inland] Nk: 2 ♀, 28. xi. 2001.

*Miletus ancon siamensis* (Godfrey, 1913)\*

[low land] Th: 1 ♂, 1. i. 2000.

*Allotinus substrigosus substrigosus* (Moore, 1884)\*

[low land] Th: 1 ♂, 25. xii. 1999. Nd: 3 ♂, 3. i. 2000.

*Allotinus unicolor rekkia* Riley & Godfrey, 1921\*

[low land] Tb: 1 ♂, 26. xii. 1997. Tk: 1 ♂ 1 ♀, 28–29. xii. 1997.

*Allotinus drumila aphtoni* Fruhstorfer, 1914#

[inland] Nk: 2 ♀, 28. xi. 2001.

*Castalius rosimon rosimon* (Fabricius, 1775)

[low land] Tb: 1 ♂, 25. xii. 1998; 1 ♂, 24. xii. 1999. Nd: 1 ♂, 30. xii. 1997; 3 ♂, 26–30. xi. 2001. Tk: 1 ♂, 31. xii. 1999; 2 ♂, 27. xi. 2001.

[inland] Nh: 1 ♂, 28. xii. 1998. Nk: 1 ♂, 28. xi. 2001.

*Caleta roxus roxana* (de Nicéville, 1897)\*

[low land] Nd: 2 ♂, 3. i. 2000; 1 ♂, 26. xi. 2001.

*Caleta elna noliteia* (Fruhstorfer, 1918)

[low land] Tb: 1 ♀, 25. xii. 1998; 1 ♂, 25. xi. 2001. Nd: 1 ♂, 3. i. 2000.

[inland] Nh: ♂, 30. xii. 1999.

*Zizeeria karsandra* (Moore, 1865) #

- [inland] Nh: 1 ♂, 28. xii. 1998.  
*Zizina otis sangra* (Moore, 1866)\*  
 [low land] Nd: 1 ♂, 2. i. 2000. Tk: 1 ♂, 26. xi. 2001.  
*Acytoleptis puspa gisca* (Fruhstorfer, 1910)  
 [low land] Tb: 1 ♀, 25. xii. 1998; 2 ♂, 25. xi. 2001.  
 [inland] Nh: 1 ♂, 28. xii. 1998.  
*Celastrina lavendularis limbata* (Moore, 1879)  
 [low land] Tb: 1 ♂, 25. xii. 1998; 1 ♂, 25. xi. 2001.  
 [inland] Nk: 2 ♂, 28. xi. 2001.  
*Callenya lenya lenya* (Evans, 1932)\*  
 [low land] Nd: 1 ♂, 26. xi. 2001. Th: 2 ♂, 27. xii. 1999. Tk: 1 ♀, 27. xii. 1998; 2 ♂ 1 ♀, 26–31. xii. 1999.  
*Neopithecops zalmora zalmona* (Butler, 1870)\*  
 [low land] Nd: 1 ♂, 26. xii. 1998. Tk: 2 ♂, 27. xi. 2001.  
*Chilades pandava pandava* (Horsfield, 1829)\*  
 [low land] Nd: 1 ♂, 26. xi. 2001. Tk: 26 ♂ 1 ♀, 27. xi. 2001.  
*Catochrysops panormus exiguus* (Distant, 1886)\*  
 [low land] Tb: 1 ♂, 25. xii. 1998.  
*Jamides bochus bochus* (Stoll, 1782)\*  
 [low land] Tb: 1 ♂, 24. xii. 1999. Th: 1 ♂, 25. xii. 1999.  
*Jamides celeno aelianus* (Fabricius, 1793)  
 [low land] Tb: 1 ♂, 25. xii. 1998; 1 ♂, 24. xii. 1999. Nd: 1 ♂, 30. xii. 1997; 5 ♂ 2 ♀, 25–26. xii. 1998; 1 ♂, 25. xii. 1999; 2 ♂ 1 ♀, 26–30. xi. 2001. Th: 1 ♂, 26. xii. 1998; 1 ♂, 30. xii. 1999; 2 ♂, 1. i. 2000; 1 ♀, 26. xi. 2001. Tk: 2 ♂, 28. xii. 1997; 3 ♂, 27. xii. 1998; 2 ♂, 26–31. xii. 1999; 1 ♀, 27. xi. 2001.  
 [inland] Lk: 1 ♂, 30. xii. 1998.  
*Jamides pura pura* (Moore, 1886)\*  
 [low land] Tb: 1 ♂, 25. xii. 1998; 1 ♂, 25. xi. 2001. Nd: 1 ♂, 29. xi. 2001. Th: 1 ♂, 26. xi. 2001.  
*Nacaduba sanaya elioti* Corbet, 1938\*  
 [low land] Tb: 1 ♂, 25. xii. 1998. Nd: 1 ♂, 2. i. 2000.  
*Prosotas pia marginata* Tite, 1963\*  
 [low land] Nd: 2 ♂, 3. i. 2000.  
*Prosotas dubiosa indica* (Evans, 1925)\*  
 [low land] Tk: 1 ♂, 28. xii. 1997.  
*Petrelaea dana dana* (de Nicéville, 1884)\*  
 [low land] Nd: 1 ♂, 2. i. 2000.  
*Anthene emolus emolus* (Godart, 1824)\*  
 [low land] Tb: 1 ♂, 25. xii. 1997. Th: 1 ♀, 1. i. 2000. Nd: 2 ♂ 1 ♀, 2. i. 2000; 1 ♂, 29. xi. 2001. Tk: 1 ♂, 29. xii. 1997.  
*Arhopala anthelus anthea* (Evans, 1925)\*  
 [low land] Th: 1 ♀, 25. xii. 1999.  
*Arhopala atosia malayana* Bethune-Baker, 1903\*  
 [low land] Nd: 1 ♂, 30. xii. 1997; 3 ♀, 2. i. 2000; 5 ♂ 4 ♀, 26–30. xi. 2001. Th: 1 ♂, 30. xii. 1999.  
*Arhopala moolaiana maya* (Evans, 1932)\*  
 [low land] Nd: 2 ♂, 30. xii. 1997; 1 ♂, 2. i. 2000; 1 ♀, 29. xi. 2001. Th: 1 ♀, 27. xii. 1999.  
*Arhopala muta merguiana* Corbet, 1941\*  
 [low land] Nd: 1 ♂, 3. i. 2000; 1 ♀, 29. xi. 2001. Th: 1 ♀, 25. xii. 1999.  
*Arhopala perimuta perimuta* (Moore, 1858)\*

- [low land] Nd: 1 ♀, 27. xii. 1997; 1 ♂, 2. i. 2000. Th: 1 ♀, 30. xii. 1999.  
*Arhopala democritus democritus* (Fabricius, 1793)\*  
 [low land] Nd: 1 ♂, 30. xii. 1997; 1 ♂, 26. xii. 1998; 2 ♂, 26–29. xi. 2001. Th: 1 ♂, 26. xi. 2001; 3 ♂, 30. xii. 1999; 1 ♂ 1 ♀, 1. i. 2000. Tk: 1 ♂, 27. xii. 1998; 1 ♀, 27. xi. 2001.  
*Arhopala aida aida* de Nicéville, 1889\*  
 [low land] Th: 1 ♂, 27. xii. 1999.  
*Arhopala elopura dama* Swinhoe, 1910\*  
 [low land] Nd: 1 ♀, 26. xii. 1998. Th: 1 ♂ 1 ♀, 25–27. xii. 1999; 5 ♂, 26. xi. 2001.  
*Arhopala aurelia* (Evans, 1925)\*  
 [low land] Tk: 1 ♂, 27. xi. 2001.  
*Arhopala silhetensis silhetensis* (Hewitson, 1862)  
 [low land] Tk: 1 ♂, 31. xii. 1999; 1 ♂, 27. xi. 2001.  
 [inland] Lk: 1 ♀, 31. xii. 1998.  
*Arhopala pseudocentaurus nakula* (C. & R. Felder, 1860)\*  
 [low land] Tb: 1 ♂ 1 ♀, 25. xii. 1998. Nd: 2 ♂ 1 ♀, 26–30. xi. 2001. Th: 3 ♀, 25–27. xii. 1999. Tk: 1 ♀, 27. xi. 2001.  
*Arhopala amantes amatrix* de Nicéville, 1891\*  
 [low land] Tk: 1 ♂, 31. xii. 1999.  
*Arhopala agaba* (Hewitson, 1862)\*  
 [low land] Tb: 1 ♀, 25. xii. 1998.  
*Arhopala hellenore hellenore* Doherty, 1889\*  
 [low land] Nd: 1 ♀, 2. i. 2000.  
*Arhopala arvina aboe* de Nicéville, 1895\*  
 [low land] Nd: 1 ♂, 2. i. 2000.  
*Arhopala eumolphus eumolphus* (Cramer, 1780) #  
 [inland] Lk: 1 ♀, 31. xii. 1998.  
*Arhopala asopia* (Hewitson, 1869) #  
 [inland] Lk: 1 ♀, 30. xii. 1998.  
*Arhopala rama ramosa* (Evans, 1925) #  
 [inland] Nk: 1 ♀, 28. xi. 2001.  
*Flos anniella artegal* Doherty, 1889#  
 [inland] Nk: 1 ♂, 28. xi. 2001.  
*Flos adriana* (de Nicéville, 1884) #  
 [inland] Lk: 1 ♀, 28. xii. 1999.  
*Thaduka multicaudata multicaudata* Moore, 1879\*  
 [low land] Tk: 1 ♀, 31. xii. 1999.  
*Surendra quercetorum quercetorum* (Moore, 1858)\*  
 [low land] Nd: 1 ♂ 1 ♀, 30. xii. 1997; 2 ♀, 3. i. 2000; 1 ♀, 29. xi. 2001. Th: 1 ♀, 27. xii. 1999. Tk: 3 ♂, 31. xii. 1999; 1 ♂, 27. xi. 2001.  
*Spindasis syama peguanus* (Moore, 1884)  
 [low land] Tk: 1 ♂, 27. xi. 2001.  
 [inland] Nh: 1 ♂ 1 ♀, 28. xii. 1998. Lk: 1 ♂, 30. xii. 1999.  
*Spindasis lohita himalayanus* (Moore, 1884)  
 [low land] Nd: 1 ♀, 30. xii. 1997. Tk: 3 ♂, 29. xii. 1997.  
 [inland] Lk: 1 ♂, 31. xii. 1998.  
*Neomyrina nivea hiemalis* (Godman & Salvin, 1878)\*  
 [low land] Tk: 5 ♂, 29. xii. 1997.  
*Drina donina donina* (Hewitson, 1865) #  
 [inland] Nk: 1 ♀, 28. xi. 2001.  
*Loxura atymnus continentalis* Fruhstorfer, 1912

[low land] Nd: 1 ♀, 3. i. 2000. Tk: 2 ♂, 31. xii. 1999.

[inland] Nk: 2 ♂, 28. xi. 2001.

*Yasoda tripunctata tripunctata* (Hewitson, 1863)

[low land] Nd: 2 ♀, 30. xii. 1997; 4 ♂, 26. xii. 1998; 2 ♂, 3. i. 2000; 3 ♂, 29–30. xi. 2001.  
Tk: 1 ♀, 31. xii. 1999.

[inland] Lk: 1 ♀, 28. xii. 1999. Nk: 1 ♀, 28. xi. 2001.

*Thamala marciata miniata* Moore, 1879\*

[low land] Nd: 1 ♀, 26. xii. 1998; 3 ♂ 1 ♀, 26–29. xi. 2001. Th: 1 ♂ 1 ♀, 26. xi. 2001.

*Cheritra freja evansi* Cowan, 1965

[low land] Tb: 2 ♀, 26. xii. 1997; 1 ♀, 25. xii. 1998. Nd: 1 ♂ 1 ♀, 27–30. xii. 1997; 6 ♂ 2 ♀, 26–29. xi. 2001. Th: 1 ♂, 25. xii. 1999. Tk: 1 ♂ 1 ♀, 27. xii. 1998; 1 ♂, 31. xii. 1999; 1 ♂ 2 ♀, 27. xi. 2001.

[inland] Nh: 1 ♂, 27. xii. 1997. Lk: 1 ♂, 31. xii. 1998. Nk: 1 ♀, 28. xi. 2001.

*Cowania achaja* (Fruhstorfer, 1912)\*

[low land] Tb: 1 ♀, 26. xii. 1997.

*Drupadia theda fabricii* Moore, 1884\*

[low land] Nd: 1 ♀, 26. xii. 1998; 1 ♀, 2. i. 2000; 1 ♀, 26. xi. 2001.

*Drupadia ravindra boisduvalii* Moore, 1884

[low land] Nd: 2 ♀, 30. xii. 1997; 2 ♂ 1 ♀, 26. xii. 1998; 4 ♀, 2. i. 2000; 4 ♂ 5 ♀, 26–29. xi. 2001. Th: 1 ♂, 26. xii. 1998; 1 ♂, 30. xii. 1999. Tk: 1 ♂, 27. xii. 1998; 3 ♂ 1 ♀, 27. xi. 2001.

[inland] Nh: 1 ♀, 27. xii. 1997.

*Hypolycaena erylus himavantus* Fruhstorfer, 1912\*

[low land] Tb: 2 ♂, 26. xii. 1997. Nd: 1 ♂, 29. xi. 2001. Th: 1 ♀, 26. xi. 2001. Tk: 1 ♀, 28. xii. 1997; 1 ♀, 26. xii. 1999.

*Zeltus amasa amasa* (Hewitson, 1865)\*

[low land] Tb: 2 ♂, 26. xii. 1997. Nd: 2 ♂, 26–30. xi. 2001.

*Chlialia othona othona* (Hewitson, 1865)\*

[low land] Tb: 1 ♂, 26. xii. 1997.

*Jacoona anasuja nigerrima* Corbet, 1948#

[inland] Lk: 1 ♀, 30. xii. 1998.

*Rapala iarbus iarbus* (Fabricius, 1787)\*

[low land] Tb: 1 ♂, 25. xii. 1998.

*Rapala dieneces dieneces* (Hewitson, 1878)

[low land] Tk: 1 ♀, 26. xii. 1999.

[inland] Nh: 1 ♂, 27. xii. 1999.

*Araotes lapithis lapithis* (Moore, 1858)\*

[low land] Nd: 2 ♀, 29–30. xi. 2001. Th: 1 ♂, 30. xii. 1999; 3 ♂, 26. xi. 2001.

*Curetis bulis bulis* (Westwood, 1851)\*

[low land] Nd: 1 ♂, 2. i. 2000.

*Curetis acuta dentata* Moore, 1879\*

[low land] Nd: 1 ♂, 3. i. 2000; 2 ♂, 26–30. xi. 2001. Tk: 1 ♂, 29. xii. 1997.

## Hesperiidae

*Hasora taminatus malayana* (C. & R. Felder, 1860)\*

[low land] Nd: 1 ♂, 2. i. 2000; 1 ♂, 30. xi. 2001.

*Badamia exclamatoris* (Fabricius, 1775)\*

[low land] Tb: 1 ♂, 24. xii. 1999. Nd: 1 ♂, 2. i. 2000; 1 ♂, 3. i. 2000; 1 ♂, 29. xi. 2001.

*Celaenorhinus aurivittatus aurivittatus* (Moore, 1879)\*

[low land] Nd: 2 ♂, 26. xi. 2001.

- Sarangesa dasahara dasahara* (Moore, 1866)\*  
[low land] Th: 1 ♀, 26. xi. 2001. Tk: 1 ♂, 27. xii. 1998.
- Tagiades japetus ravi* (Moore, 1866)\*  
[low land] Nd: 1 ♂, 27. xii. 1997; 1 ♂ 3. i. 2000. Th: 1 ♀, 25. xii. 1999.
- Tagiades gana meetana* Moore, 1879\*  
[low land] Nd: 3 ♂, 26–29. xi. 2001. Tk: 1 ♂, 28. xii. 1997.
- Tagiades vajuna vajuna* Fruhstorfer, 1910\*  
[low land] Tk: 1 ♂, 27. xi. 2001.
- Mooreana trichoneura trichoneura* (C. & R. Felder, 1860)\*  
[low land] Nd: 1 ♂, 26. xi. 2001.
- Halpe elana* Eliot, 1959\*  
[low land] Nd: 1 ♂, 30. xi. 2001.
- Koruthaialos rubecula hector* Watson, 1893\*  
[low land] Nd: 1 ♂, 29. xi. 2001.
- Notocrypta paralysos asawa* Fruhstorfer, 1911\*  
[low land] Nd: 1 ♂, 27. xii. 1997; 1 ♂, 26. xii. 1998.
- Notocrypta clavata theba* Evans, 1949\*  
[low land] Nd: 1 ♂ 1 ♀, 26. xi. 2001.
- Iambrix salsala salsala* (Moore, 1866)\*  
[low land] Nd: 1 ♂, 29. xi. 2001. Th: 1 ♂, 27. xii. 1999. Tk: 1 ♂, 27. xi. 2001.
- Iambrix stellifer* (Butler, 1879)\*  
[low land] Nd: 1 ♂, 26. xi. 2001.
- Scobura isota* (Swinhoe, 1893)\*  
[low land] Th: 1 ♂, 1. i. 2000.
- Cupitha purreea* (Moore, 1877)\*  
[low land] Nd: 1 ♂, 26. xi. 2001. Tk: 1 ♂, 27. xi. 2001.
- Salanoemia fuscicornis* (Elwes & Edwards, 1897)\*  
[low land] Nd: 1 ♂, 30. xi. 2001.
- Pirdana hyela rudolphii* Elwes & de Nicéville, 1887\*  
[low land] Nd: 1 ♀, 26. xii. 1998.
- Potanthus nesta nesta* (Evans, 1934)\*  
[low land] Nd: 1 ♂, 26. xii. 1998.
- Pelopidas conjuncta conjuncta* (Herrich-Schaeffer, 1869)\*  
[low land] Nd: 1 ♂, 3. i. 2000. Th: 1 ♂, 25. xii. 1999. Tk: 1 ♂, 26. xii. 1999.
- Borbo cinnara* (Wallece, 1866) #  
[inland] Nh: 1 ♂, 28. xii. 1998.
- Caltoris brunnea caere* (de Nicéville, 1891)  
[low land] Nd: 1 ♂, 25. xii. 1999. Th: 1 ♂, 27. xii. 1999.  
[inland] Lk: 1 ♂, 28. xii. 1999.
- Caltoris tenuis* (Evans, 1932)\*  
[low land] Nd: 1 ♂, 26. xi. 2001.
- Caltoris kumara moorei* (Evans, 1926)\*  
[low land] Nd: 1 ♂, 26. xi. 2001.
- Iton semamora semamora* (Moore, 1866)\*  
[low land] Th: 1 ♂, 1. i. 2000.

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## 摘 要

低温乾季におけるラオス中部の蝶類 (1997–2001) (二村正之・若原弘之)

1997年から2001年にかけて低温乾季にラオス中部のメコン河沿岸低地森林および内陸部で採集した蝶類の目録を作成した。現在までに同定した種は低地森林199種, 内陸部79種からなる221種(9科)で, 長田らによる「ラオス蝶類図譜」に記載された876種のほぼ25%に相当する。また両地域で採集された種が57種, 低地森林のみが142種, 内陸部ののみが22種であった。

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